

#5A  
JMC  
8/6/01  
(RE)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No. KOI-046

In re patent application of  
Toshihiko OBA

Serial No. 09/673,360

Filed: October 16, 2000

Title: SPEECH TRANSFORMATION METHOD  
AND APPARATUS



Group Art Unit: 2641

Examiner: To be assigned

Commissioner for Patents  
Washington, D.C. 20231

RECEIVED

AUG 13 2001

Technology Center 2600

Sir:

Prior to an initial examination of the above-identified patent application, please amend the application as follows:

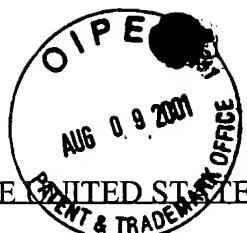
IN THE SPECIFICATION:

Beginning at page 3, line 8:

*A1*  
It is therefore an object of the present invention to provide a speech transformation method and apparatus whereby the results of speech recognition can be presented in a noise-reduced state depending on the bodily state, the using state or the objective of using of the hearing-impaired persons.

Beginning at page 3, line 12:

*A2*  
It is another object of the present invention to provide a speech transformation method and apparatus whereby a person with voice-speech disorders ascribable to laryngectomy, tongue/mouth-floor resection or articulation disorder etc. is able to utter with spontaneous speech proper to the user or subject to spontaneous transformation and whereby the external speech is outputted to the user to enable spontaneous conversation.



2641

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Patent Application of

Toshihiko OBA

Serial No. 09/673,360

Filed: October 16, 2000

For: SPEECH TRANSFORMATION METHOD  
AND APPARATUS

Group Art Unit: 2641

Examiner: To be assigned

COMMISSIONER FOR PATENTS

Washington, D.C. 20231

Sir:

Transmitted herewith is an amendment in the above-identified application.

No additional fee is required.

The fee has been calculated as shown below

## CLAIMS AS AMENDED

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE
TOTAL CLAIMS	30	MINUS	30	=0	x \$9 \$18	\$0.00
INDEP. CLAIMS	2	MINUS	3	=0	x\$40 \$80	\$0.00
Fee for Multiple Dependent Claims \$130/\$260						
			TOTAL ADDITIONAL FEE FOR THIS AMEND- MENT		\$0.00	

- If the entry in Column 2 is less than the entry in Column 4,
- write "0" in Column 5.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

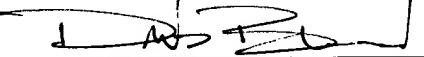
RECEIVED  
AUG 13 2001  
Technology Center 2600

- A Letter to the Official Draftsperson is enclosed.
- A Change of Address is enclosed.
- Charge \$\_\_\_\_\_ to Deposit Account No. 18-0013. A duplicate copy of this sheet is enclosed.
- Any prior general authorization to charge an issue fee under 37 C.F.R. 1.18 to Deposit Account No. 18-0013 is hereby revoked. The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.16 and 1.17 which may be required during the entire pendency of this application, or to credit any overpayment, to Deposit Account No. 18-0013. A duplicate copy of this sheet is enclosed.
- Charge \$\_\_\_\_\_ to Deposit Account No. 18-0013 to cover the Extension fee for response within \_\_\_\_\_ month(s).
- Applicant's undersigned attorney may be reached by telephone in our Washington D.C. Office at

(202) 955-3750.

All correspondence should be directed to our below listed address.

Date: 09 Aug. 2001

  
\_\_\_\_\_  
David K. Benson  
Reg. No. 42,314

RADER, FISHMAN & GRAUER PLLC  
1233 20<sup>TH</sup> Street, NW  
Suite 501  
Washington, DC 20036  
Telephone: (202) 955-3750  
Facsimile: (202) 955-3751

Customer No. 23353